

The Best Workstation for Every Application

CELSIUS Workstations



	SUPERIOR		ADVANCED			ALL-ROUND		MOBILE
	CELSIUS R670	CELSIUS V840	CELSIUS R570	CELSIUS M470	CELSIUS W480	CELSIUS W380	CELSIUS W280	CELSIUS H700
Processor	Dual-Core Intel® Xeon®, Quad-Core Intel® Xeon®	Dual-Core AMD Opteron™, Quad-Core AMD Opteron™	Dual-Core Intel® Xeon®, Quad-Core Intel® Xeon®		Intel® Core™ i3, Intel® Core™ i5, Quad-Core Intel® Xeon®	Intel® Core™ i3, Intel® Core™ i5, Quad-Core Intel® Xeon®	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7	Intel® Core™ i5, Intel® Core™ i7
Processors	1 or 2			1				
Chipset	Intel® 5520	NVIDIA® nForce professional (3600 and 3050)	Intel® 5520	Intel® X58 Express	Intel® 3450	Intel® 3450	Intel® Q57	Intel® QM57
Memory	Max. 96 / 192* GB, DDR3- SDRAM, ECC or non-ECC	Max. 64, DDR2-SDRAM, ECC	Max. 48 / 96* GB, DDR3- SDRAM, ECC or non-ECC	Max. 24 GB, DDR3-SDRAM, ECC or non-ECC	Max. 16 GB, DDR3-SDRAM, ECC or non-ECC		Max. 16 GB, DDR3-SDRAM, non-ECC	Max. 8 GB DDR3, dual-channel, non ECC
Hard disk drive	Solid State Disk up to 256 GB; SAS up to 600 GB, 15000 rpm; SATA up to 300 GB, 10000 rpm; Business critical SATA up to 2 TB, 7200 rpm; SATA up to 1 TB, 7200 rpm				Solid State Disk up to 256 GB; SATA up to 300 GB, 10000 rpm; Business-critical SATA up to 2 TB, 7200 rpm; SATA up to 1 TB, 7200rpm		Solid State Disk up to 256 GB; Business-critical SATA up to 2 TB, 7200 rpm; SATA up to 1 TB, 7200rpm	1st and 2nd HDD, Solid State Disk up to 256 GB; SATA up to 500 GB, 7200 rpm; SATA up to 320 GB, 5400 rpm
Slots	2 x PCIe Gen2 x16, 3 x PCIe Gen2 x4 (mech. x8), 1 x PCI (32-bit / 33 MHz)	2 x PCIe x16, 2 x PCIe x8, 2 x PCI-X (64 bit / 133 MHz) 1 x PCI (32-bit / 33 MHz)	2 x PCIe Gen2 x16, 1 x PCIe Gen1 x4 (mech. x8), 1 x PCIe Gen2 x4 (mech. x8), 2 x PCI (32-bit / 33 MHz)		1 x PCIe Gen2 x16, 1 x PCIe x4 (mech. x16), 2 x PCIe x1, 3 x PCI (32-bit / 33 MHz)		1 x PCIe Gen2 x16, 1 x PCIe x4 (mech. x16), 2 x PCI (32-bit / 33 MHz)	1 x PC Card (Type I/II), 1 x ExpressCard™, 1 x SD / MS Pro, 1 x SmartCard
GPU computing card	NVIDIA® Tesla C1060 (4 GB)				-			
Ultra-high-end 3D graphics	NVIDIA® Quadro FX 5800 (4 GB) NVIDIA® Quadro FX 4800 (1.5 GB) NVIDIA® Quadro FX 4700x2 (2x 1 GB)		NVIDIA® Quadro FX 5800 (4 GB) NVIDIA® Quadro FX 4800 (1.5 GB)		NVIDIA® Quadro FX 4800 (1.5 GB)	-		
High-end 3D graphics	NVIDIA® Quadro FX 3800 (1024 MB) ATI FirePro™ V7750 (1024 MB)				-		NVIDIA® Quadro® FX 880M (1024 MB)	
Mid-range 3D graphics	NVIDIA® Quadro FX 1800 (768 MB) NVIDIA® Quadro FX 580 (512 MB) ATI FirePro™ V5700 (512 MB)						-	
Entry 3D graphics	NVIDIA® Quadro FX 380 (256 MB) ATI FirePro™ V3700 (256 MB)-						-	
Professional 2D graphics	NVIDIA® Quadro NVS 290 (256 MB) NVIDIA® Quadro NVS 295 (256 MB)						-	
Multi-monitor graphics	NVIDIA® Quadro NVS 290 (256 MB) NVIDIA® Quadro NVS 295 (256 MB) NVIDIA® Quadro NVS 450 (512 MB)						-	
Size (WxDxH)	215 x 622 x 446 mm	215 x 620 x 446 mm	215 x 522 x 446 mm		203 x 426 x 442 mm		203 x 390 x 392 mm	372 x 255 x 36 mm

Lightning Speed Graphics

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SUPERIOR

CELSIUS R670 - High-end dual Intel® Xeon® workstation
CELSIUS V840 - High-end dual AMD Opteron™ workstation

ADVANCED

CELSIUS R570 - Compact mid-range dual Intel® Xeon® workstation
CELSIUS M470 - High-end single Intel® Xeon® workstation
CELSIUS W480 - Mid-range single Intel® Core™ or Intel® Xeon® workstation

ALL-ROUND

CELSIUS W380 - Entry-level single Intel® Core™ or Intel® Xeon® workstation
CELSIUS W280 - Entry-level single Intel® Core™ workstation / high-end PC

MOBILE

CELSIUS H700 - Workstation-on-the-go with Intel® Core™ i5 and i7 processors

Do you need maintenance and service support?

➔ Link: <http://ts.fujitsu.com/servicepositioning>

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		APPLICATIONS													
		2D/entry Computer Aided Design	3D / high-end Computer Aided Design	Computer Aided Engineering / Simulation	Virtual Reality / Visualization	Post Processing	Electronical Design	Electronical Engineering	Financial Services	Financial Analyses	2D Digital Content Creation	3D Digital Content Creation	Life Sciences	Geographical Information Systems	Geo-Sciences
	CELSIUS H700	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	CELSIUS W280	•							•		•			•	•
	CELSIUS W380	•					•		•		•				
	CELSIUS W480		•				•								•
	CELSIUS M470		•				•		•		•	•	•		•
	CELSIUS R570		•			•		•	•		•	•			
	CELSIUS V840			•	•	•		•					•		•
	CELSIUS R670			•	•	•							•		•
RECOMMENDED GRAPHICS	NVIDIA QUADRO FX 5800		•		•							•			•
	NVIDIA QUADRO FX 4700X2		•		•							•			•
	NVIDIA QUADRO FX 4800		•	•	•	•						•	•		
	ATI FIREPRO V7750		•	•	•	•						•	•		
	NVIDIA QUADRO FX 3800		•	•	•	•						•	•		
	NVIDIA QUADRO FX 1800		•			•							•		•
	ATI FIREPRO V5700	•	•			•	•	•					•		•
	NVIDIA QUADRO FX 580	•					•	•		•				•	
	ATI FIREPRO V3700	•					•	•		•	•			•	
	NVIDIA QUADRO FX 380	•					•	•		•	•			•	
	NVIDIA QUADRO NVS 290								•	•	•			•	
	NVIDIA QUADRO NVS 295			•					•	•	•			•	
RECOMMENDED CONFIGURATION	HIGH-END PROCESSOR	•	•	•	•	•	•	•		•		•	•		•
	MID-RANGE PROCESSOR								•		•			•	•
	HDD SAS			•	•	•						•	•		•
	HDD SATA	•	•				•	•	•	•	•			•	•
	MEMORY [GB]	8	24	48	24	24	16	48	8	12	8	16	24	8	96

